

Monsanto

CONFIDENTIAL 92-CV-204-WDS E6
10/3/80

FROM
(NAME-LOCATION-PHONE) R. H. Sinise - W.G.K. Plant

DATE October 3, 1980
SUBJECT MEETING MINUTES WITH
IEPA IN SPRINGFIELD
REFERENCE Dead Creek/Cahokia
TO P. E. Heisler

cc. J. W. Molloy
H. W. Curtis
P. Park - E2NE
W. Papageorge - G4WA
O. Hicks - T2F

147851

People in Attendance:

Jim Kelty - IEPA
John Renkes - IEPA
Reed Neuman - State Attorney
Stan Parsons - State Attorney
R. Sinise
P. Heisler
O. Hicks
IEPA Lab Analyst

Meeting Minutes, 9/29/80, at Springfield, Illinois.

Paul opened the meeting stating Monsanto had taken two sets of samples in the Dead Creek area at two different times. The first set of samples did not indicate phosphorus; they did indicate linear hydrocarbons and metals. We did not analyze for PCB. The second set of samples was taken a week ago, and we do not have results yet.

Monsanto would like to cooperate with the IEPA in the sample program they discussed at the NWS Conference. We firmly believe that Monsanto is not at fault or responsible for the chemicals appearing in Dead Creek. However, whenever PCB and Phosphorus are mentioned, the company is automatically associated with these chemicals by the public. Since we are concerned about our reputation we would like to:

- (1) Participate in sampling of Dead Creek between Judith Lane and Queeny Avenue and assist in any way we can.
- (2) Find out what the IEPA sample program is. We have limited resources and may not be able to participate fully.

We are also interested in P4 and PCB analytical methods.

CER 008156

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Kelty:

We analyzed the materials for organics here in Springfield. Champaign Lab did the inorganic metal work. Total phosphorus was run by the Champaign Lab. Part of the sample was sent to the Water Resources Lab in Champaign for organophosphorus. We believe there is phosphorus present, due to the reports of spontaneous combustion by residents. The sample with high phosphorus was taken 40 yards north of Judith Lane and consisted of scraping top reddish soil from the ground.

It was discussed that samples taken even next to each other will vary widely in their analysis. Both labs are doing good jobs and this highlights the need for split samples. The sample we took was in the same area but was six inches below the reddish material.

Kelty:

The ICAP indicated 85% of the Total Phosphorus was organophosphates and less than 1 ppm was orthophosphates as determined in the Water Resources Lab in Champaign. Fumes generated during the sample preparation were very acid and actually injured a lab technician in the Champaign Lab.

Sample procedures were discussed concerning PCB's. The procedures were not known by Mr. Kelty for the analysis of phosphorus. PCB was extracted from the soil with a 50% hexane/50% cyclohexane two-step, 10 gram extraction procedure. The analysis used electron capture gc analysis confirmed by gc mass spec. The identified material was Archlor 1248.

We stated Monsanto stopped manufacturing 1248 in 1970. Our analysis identified 1254 Archlor in the first sample which we reanalyzed later for PCB.

Kelty:

This Thursday we propose to split samples with Monsanto as per the attached memo. Chain of custody must be maintained for each set of samples. The samples will be analyzed for PCB, Total Phosphorus plus breakdown, Chlorobenzene family, and Chlorophenol family.

We must check with management before authorizing this sample program. I will respond to you early tomorrow (9/30/80). I would like to include the greenhouse well in this program.

CER 008157

Renkes

Now that we have concluded the sample discussions - do you have any knowledge of a landfill east of Dead Creek and 300 yards south of Sauget City Hall?

Heisler stated he does not know of any of our products that were landfilled on that site. We did not own the land in question. We do have information that in the late 20's and early 30's there was a landfill in that general area.

Subsequent to this meeting Paul Heisler returned a call to Kelty stating we would participate Thursday as we discussed. We would analyze for Total Phosphorus plus breakdown, PCB, MCB, DCB, DCP, and PNCB. We will take 3 samples of the creek and one sample of the well.



R. H. Sinise

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10/6/80

The sample procedure described above was carried out on Thursday, October 2. Samples were split and both the State and Monsanto are analyzing their part of the creek samples for PCB's, Phosphorus, "Chlorinated phenols and chlorinated benzene," i.e., dichlorobenzene, trichlorobenzene, nitrochlorobenzene, and dichlorophenol. The water sample will be analyzed for PCB's only. Laboratory verification procedures will be used, not good lab practice procedures.

P. E. Heisler

CER 008158



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

CONFIDENTIAL 92-CV-204-WDS

DATE: September 29, 1980
TO: John Renkes
FROM: Jim Kelty
SUBJECT: IEPA and MONSANTO CHEMICAL COMPANY COOPERATIVE SAMPLING PROGRAM
DEAD CREEK, SAUGET/CAHOKIA.

The purpose of this memo is to outline a program for joint sampling and analyses between the IEPA and Monsanto Chemical Company in Dead Creek.

- 1) Sampling will be done on October 2, 1980, beginning at approximately 2:00 p.m. and will be conducted by IEPA, ERU Personnel and Monsanto Chemical Company Representatives.
- 2) Soil samples will be taken from the north, central, and south areas of the ditch from sites previously determined by the IEPA to be contaminated.
- 3) Samples will be split and submitted to respective laboratories for elemental analysis and also organic analysis for PCB's and other chlorinated hydrocarbons. Laboratory procedures will be exchanged.
- 4) Laboratory results should be completed by October 16, 1980, at which time a meeting can be scheduled for the purpose of comparing and discussing results.
- 5) It is requested that all results be kept confidential until such a time that it is mutually agreeable to make them public.

JK:jks

CER 008159

EPA/ERU (R) 9/29/80

008159

PRESS QUERY

COMPANY (OpUnit or Corporate): MCI

SUBJECT: Monsanto/IEPA Sampling Agreement

REPORTER & MEDIA: Mike Blackwell, Belleville News Democrat

TIME & DATE: September 30, 1980

QUESTION & RESPONSE:

- Q. I UNDERSTAND YOU AND THE IEPA HAVE AGREED TO A JOINT PROGRAM FOR THE DEAD CREEK AREA.
- A. Yes. We have agreed to a joint sampling and analysis program.
- Q. IEPA SAID MONSANTO REQUESTED THE PROGRAM?
- A. Monsanto offered its assistance to IEPA regarding sampling of Dead Creek. As an industrial citizen of the area we are as concerned about the situation as the Illinois officials and residents are. We hope that our assistance to and cooperation with the IEPA will help resolve the situation.
- Q. IT SOUNDS LIKE THIS IS A "GOODWILL GESTURE?"
- A. Our effort is sincere. We are concerned about the situation there. It reflects badly on, not only Monsanto, but all industry. And we are concerned as a lot of people are and want to resolve the situation. After all, it is not as if Monsanto's offer of assistance is unique to Illinois and the Dead Creek. I'm sure you remember a few weeks ago our offer of assistance to Gov. Teasdale at Ellisville.
- Q. YOU'VE TAKEN SAMPLES ALREADY. WHAT IS THE STATUS?
- A. We have taken samples and are awaiting the results.
- Q. WHY WOULD MONSANTO REQUEST THIS PROGRAM WITH IEPA? IS IT BECAUSE YOU QUESTION THEIR RESULTS?
- A. Monsanto offered assistance to IEPA. As you probably know, these are sophisticated tests and we have the laboratories and equipment to help IEPA.
- Q. WHERE WILL MONSANTO'S SAMPLES BE TAKEN? I UNDERSTAND TO YOUR QUEENY PLANT.
- A. The samples will be tested at our Central Research Laboratory at the World Headquarters in Creve Coeur.
- Q. WHEN WILL THE SAMPLES BE READY?
- A. I can't give you a definite date but, it should take between two and three weeks.

(Reporter's tone of voice during the interview suggested a cynical view toward "Monsanto's goodwill gesture" and the implication that Monsanto didn't trust IEPA to handle the sampling properly.)

CER 008166

SOURCE OF ANSWER

File/W. B. Papageorge

HANDLED BY:

Sarah Gainer Collins

G-2067 (REV. 8/79)